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PATENT ABSTRACTS OF JAPAN

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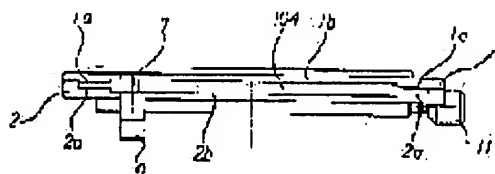
(22)Date of filing : 01.03.1996 (72)Inventor : WATANABE KOJI

(54) FILTER HOLDER AND OPTICAL INSTRUMENT AUXILIARY DEVICE USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a filter holder capable of rapidly exchanging a filter, hardly causing scratch at the time of attaching/detaching the filter, and capable of being stably housed and held without being easily removed from a case in attaching the filter to a part of a lens barrel detachably in the case by specifying the structure of the case.

SOLUTION: The front frame 1 and the rear frame 2 has first shelves 1a, 2a and second shelves 1b, 2b which become more dented respectively. The front frame 1 and the rear frame 2 constitute one element of the case and a sheet-like filter is inserted and detached through an inserted window installed between the first shelf 1a of the front frame 1 and the first shelf 2a of the rear frame 2 in a region 104 caught by the two frames. Furthermore, a part of the insertion window is provided with movable shielding means 7, 9 to cover a region of the insertion window and to limit the loading and the unloading of the filter in a part of this insertion window. Since level differences are provided between the first shelves 1a, 2a and the second shelves 1b, 2b, the sheetlike filter can be inserted in a manner that the central section (effective face) of the filter is not rubbed by the wall faces of the front frame 1 and rear frame 2.



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